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USSN: 10/821,126

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: **J. SYRJÄRINNE**

U.S. Serial No.: **10/821,126**

Filed: **April 8, 2004**

For: **POSITION DETECTION WITH FREQUENCY SMOOTHING**

Attorney Docket: **915-007.086**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant submits herewith references of which they are aware, which they believe may be material to the examination of this application and which they may have a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

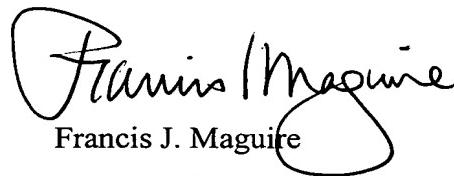
Deborah J. Clark
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Dated: Sept. 21, 2005

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement should not be construed to mean that a search has been made or that no other material information as defined under 37 CFR 1.56(a) exists.

Enclosed is a Form PTO/1449 listing the references cited and a copy of a PCT International Search Report dated June 22, 2005, and a Written Opinion issued on a corresponding international application number PCT/IB2005/000633 filed March 11, 2005. Cited document "High-Precision GPS Navigation with Emphasis on Carrier-Phase Ambiguity Resolution", Lachapelle et al., Marine Geodesy, Taylor and Francis, U.S., Vol. 15, No. 4, December 1992 was previously cited on an Information Disclosure for the above-identified patent application and a copy was provided to the Examiner. As such, a further copy of this document is not enclosed.

Respectfully submitted,



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		Applicant(s): J. SYRJÄRINNE				
		Filing Date: April 8, 2004	Group:			
U.S. PATENTS						
Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
			U.S. PATENT PUBLICATIONS			
Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date
	2003/0119496	6/26/03	Gaal et al.	455	424	12/21/01
FOREIGN PATENT DOCUMENTS						
Initials	Document Number	Date	Country	Name		Translation? Yes/No/n/a
	WO 03/034090 WO 02/059639 WO 03/039020	4/24/03 8/1/02 5/8/03	PCT PCT PCT	SIRF Technologies Inc. SIGTEC Navigation PTY Ltd. Qualcomm, Inc.		n/a n/a n/a
OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)						
Examiner's Signature:				Date Considered:		
Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered. Include a copy of this citation form with your next correspondence to the Applicant(s).						

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